

Family TRICHO CERIDAE

Trichoceridae, commonly called winter crane flies, can be seen on mild winter days swarming in sylvan habitats, although they also occur in spring and fall months. Adults inhabit dark, moist areas such as caves, cellars, and hollow trees. Larvae are known to feed on decaying plant matter in moist terrestrial situations. Extant forms number about 100 species. Fourteen species in 5 genera of fossil and amber trichocerids are recorded in this catalog.

The species *Limnobia jaccardi* Heer was transferred to *Trichocera* by Scudder (1894); however, Edwards (1928: 32) considered it closer to the genus *Diazosma* Bergroth unless it was shown to be a tipulid. It is treated here as unplaced in Trichoceridae until such time as the type specimen can be reexamined.

Ref.: Edwards (1932, review of fossil taxa).

Genus EOTRICHOCERA Kalugina

EOTRICHOCERA Kalugina *in* Kalugina & Kovalev, 1985: 47. Type species: *Eotrichocera christinae* Kalugina, 1985, by original designation.

christinae Kalugina *in* Kalugina & Kovalev, 1985: 48. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

Genus MAILOTRICHOCERA Kalugina

MAILOTRICHOCERA Kalugina *in* Kalugina & Kovalev, 1985: 48. Type species: *Mailotrichocera jurassica* Kalugina, 1985, by original designation.

jurassica Kalugina *in* Kalugina & Kovalev, 1985: 48. PA: Russia (Siberia) (Middle/Upper Jurassic) [C].

Genus MESOTRICHOCERA Hong & Wang

MESOTRICHOCERA Hong & Wang, 1990: 121. Type species: *Mesotrichocera laiyangensis* Hong & Wang, 1990, by original designation.

MESOTRICHOCETA. Incorrect original spelling of *Mesotrichocera* (Hong & Wang, 1990: 121).

laiyangensis Hong & Wang, 1990: 121. PA: China (Upper Jurassic) [C].

Genus PALEOTRICHOCERA Kalugina

PALEOTRICHOCERA Kalugina, 1986: 113. Type species: *Paleotrichocera mongolica* Kalugina, 1986, by original designation.

mongolica Kalugina, 1986: 113. PA: Mongolia (Lower Cretaceous) [C].

Genus TRICHOCERA Meigen

PETAURISTA Meigen, 1800: 78. Suppressed by I.C.Z.N. (1963: 20). [Preoccupied by Link, 1795.]

MELUSINA Meigen, 1800: 19. Suppressed by I.C.Z.N. (1963: 20).

***TRICHOCERA** Meigen, 1803: 262. Type species: *Tipula hiemalis* De Geer, 1776, by monotypy.

Subgenus OLIGOTRICHOCERA Vevers

OLIGOTRICHOCERA Dahl, 1971: 32. Unavailable name; genus-group name proposed after 1930 without type species designation.

OLIGOTRICHOCERA Vevers, 1975: 723. Type species: *Oligotrichocera antiqua* Dahl, 1971, by original designation.

[Dahl & Alexander, 1976: 15 also designated *antiqua* as the type species, but Vevers' designation in the *Zoological Record* was earlier; thus the genus-group name and authorship dates from Vevers' action.]

antiqua Dahl, 1971: 32 (*Oligotrichocera*). PA: Baltic Region (Eocene/Oligocene) [A].

primaeva Dahl, 1971: 34 (*Oligotrichocera*). PA: Baltic Region (Eocene/Oligocene) [A].

Unplaced to Subgenus of TRICHOCERA Meigen

fujiyamai Gentilini, 1986: 183. PA: Italy (Miocene) [C].

itatica Kalugina in Kalugina & Kovalev, 1985: 50. PA: Russia (Siberia) (Middle Jurassic) [C].

miocaenica Statz, 1934: 32. PA: Germany (Oligocene) [C].

scudderi Meunier, 1915d: 228 (*Cladoneura*). PA: Germany (Oligocene) [C].

Unidentified sp.—PA: France (Oligocene) [C] (Serres, 1829: 231).

Unidentified sp.—PA: Germany (Miocene) [A] (Schumann & Wendt, 1989: 41).

Unplaced Species of TRICHOCERIDAE

aquaticus Kalugina, 1986: 113 ("Trichonomites"). PA: Mongolia (Upper Jurassic/Lower Cretaceous) [C].

jaccardi Heer, 1864: 394 (*Limnobia*). PA: Switzerland (Oligocene) [C].